



687

HNSA thanks Ed Zajkowski for his generous loan of the original document used to create this online version.

AKS
20

RESTRICTED-ACCOUNTABLE

SERIAL NO

CARGO SUPPLY AKS-20

NO & ORDER OF PLANS

1. COVER & TITLE PAGE
2. DIMENSIONS & DATA
3. OUTBOARD PROFILE
4. INBOARD PROFILE
5. BOAT DECK & BRIDGES
6. SHELTER DECK
7. SECOND DECK
8. THIRD DECK
9. FIRST PLATFORM
10. HOLD
11. INNER BOTTOM
12. MIDSHIP & CROSS SECTIONS

| CORRECTED TO SUIT SHIP | | |
|-----------------------------|----------|---------------|
| PLACE | DATE | APPROVED BY |
| PHILADELPHIA NAVAL SHIPYARD | 9/29/49 | W. H. McClaim |
| NORFOLK NAVAL SHIPYARD. | 10/18/49 | Ed Del Cerro |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|---|-------------------------------|
| HURLEY MARINE WORKS, INC | |
| FOOT OF FIFTH AVE. OAKLAND, CALIFORNIA. | |
| L.N. MATTHEWS DELINEATOR Y. ROLLINS & AR. JOHANNES | CHECKER W. HEINBOCKEL 10-4-45 |
| TRACER Ed. DEL CERRO | GROUP LEADER |
| CHIEF DRAFTSMAN W. Heinbockel | APPROVED H. D. Shuster |
| APPROVED | |
| DATE | |
| BUREAU SHIPS NO. AKS-20 - S0103 - 167288 | SHEET 1 OF 12 SHEETS |

PRINCIPAL DIMENSIONS

| | |
|---|-------------|
| LENGTH OVERALL | 459'-2½" |
| LENGTH BETWEEN PERPENDICULARS | 435'-0" |
| BREADTH MOLDED | 63'-0" |
| DEPTH TO MAIN DECK- MOLDED | 40'-6" |
| MEAN DRAFT- FULL LOAD | 25'-10⅞" |
| MEAN DRAFT- LIGHT | 11'-4¼" |
| LOAD DISPLACEMENT | 13,893 TONS |
| LIGHT SHIP DISPLACEMENT | 5,577 TONS |
| HEIGHT- MIZZENMAST FROM BOT. OF KEEL | 113'-6" |
| HEIGHT- MAINMAST FROM BOT. OF KEEL | 114'-0" |
| HEIGHT- MAINMAST LIGHT -(BOTTOM OF LIGHT TO BOTTOM OF KEEL) | 91'-0" |
| HEIGHT- MIZZENMAST LIGHT -(BOTTOM OF LIGHT TO BOTTOM OF KEEL) | 105'-0" |

ACCOMMODATIONS

| BERTHS ON SHIP | | | | | | |
|--------------------------------|----------|-------|------|----------|----------|-------|
| LOCATION | OFFICERS | CPO'S | CREW | HOSPITAL | SICK BAY | TOTAL |
| 3RD. DX. FR. 117 TO 126, P & S | | | 108 | | | 108 |
| 2ND. DX. FR. 117 TO 141, P & S | | | 120 | | | 120 |
| 2ND. DX. FR. 175 TO STERN, S | | | 6 | | | 6 |
| BOAT DX. FR. 98 TO 122 P & S | 21 | | | | | 22 |
| | | | | | | |
| SHELTER DX. FR. 99 TO 113, P | | 20 | | | | 20 |
| SHELTER DX. FR. 100 TO 115 S. | | | 33 | | | 33 |
| SHELTER DX. FR. 116 TO 122, P | | | | 2 | | 2 |
| SHELTER DX. FR. 117 TO 122, P | | | | | 4 | 4 |
| BRIDGE DX. FR. 106 TO 111, S | 1 | | | | | 1 |
| TOTAL | 22 | 20 | 267 | 2 | 4 | 316 |

FIRE PLUGS

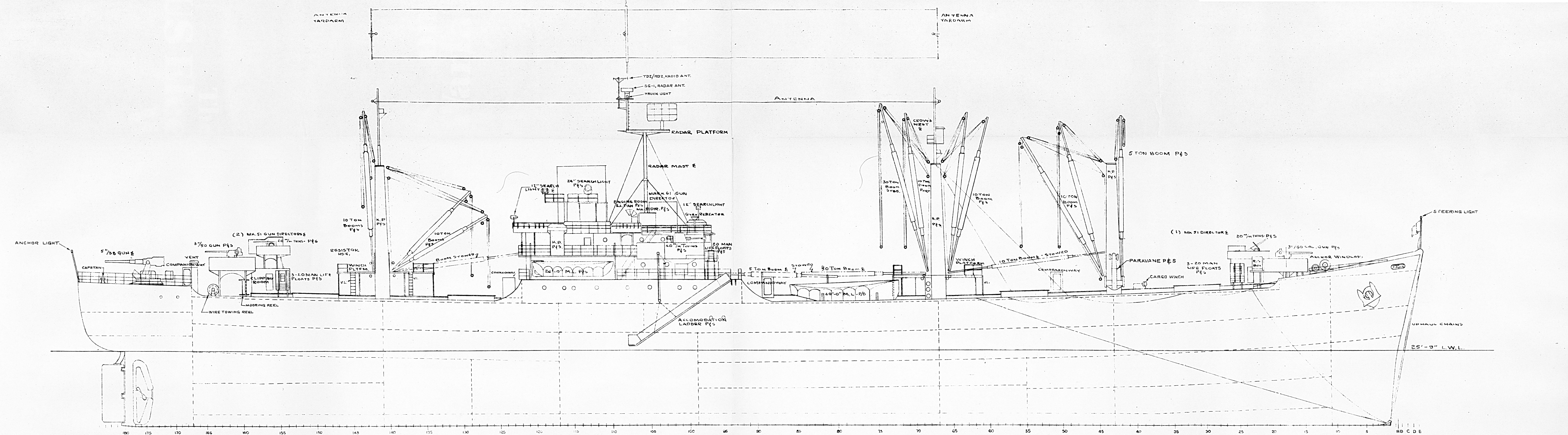
| DECK | FRAME | PORT | STBD. | TOTAL |
|---------|-------|------|-------|-------|
| BRIDGE | 111 | 1 | 1 | 2 |
| BOAT | 109 | | 1 | 1 |
| BOAT | 112 | 1 | | 1 |
| SHELTER | 19 | 1 | 1 | 2 |
| SHELTER | 43 | 1 | 1 | 2 |
| SHELTER | 66 | 1 | 1 | 2 |
| SHELTER | 92 | 1 | 1 | 2 |
| SHELTER | 109 | 1 | 1 | 2 |
| SHELTER | 122 | 1 | 1 | 2 |
| SHELTER | 141 | 1 | 1 | 2 |
| SHELTER | 167 | 1 | 1 | 2 |
| SECOND | 25 | | | 1 |
| SECOND | 51 | 1 | | 1 |
| SECOND | 93 | | | 1 |
| SECOND | 103 | | | 1 |
| SECOND | 134 | | 1 | 1 |
| SECOND | 137 | 1 | | 1 |
| SECOND | 155 | | 1 | 1 |
| SECOND | 167 | | 1 | 1 |
| TOTAL | | 12 | 13 | 28 |

LIFE FLOATS

| Nº | Nº PERSONS | LOCATION | TOTAL PERSONS |
|----|------------|---------------------------|---------------|
| 3 | 20 | SHELTER DX. FR. 26 P & S | 120 |
| 1 | 20 | BOAT DX. FR. 97 P & S | 40 |
| 3 | 20 | SHELTER DX. FR. 155 P & S | 120 |
| | TOTAL | | 280 |

SMALL BOATS

| NO. | TYPE | LOCATION | TOTAL PERSONS |
|-----|----------------------|--------------------------------|---------------|
| 1 | 26' MOTOR WHALE BOAT | BOAT DX. FR. 110 TO 120 PORT | 22 |
| 1 | 26' MOTOR WHALE BOAT | BOAT DX. FR. 110 TO 120 STBD. | 22 |
| 1 | 40' MOTOR LAUNCH | SHELTER DX. FR. 72 TO 86 STBD. | 90 |
| 1 | 40' MOTOR LAUNCH | SHELTER DX. FR. 72 TO 86 PORT | 90 |
| | | TOTAL PERSONS | 224 |

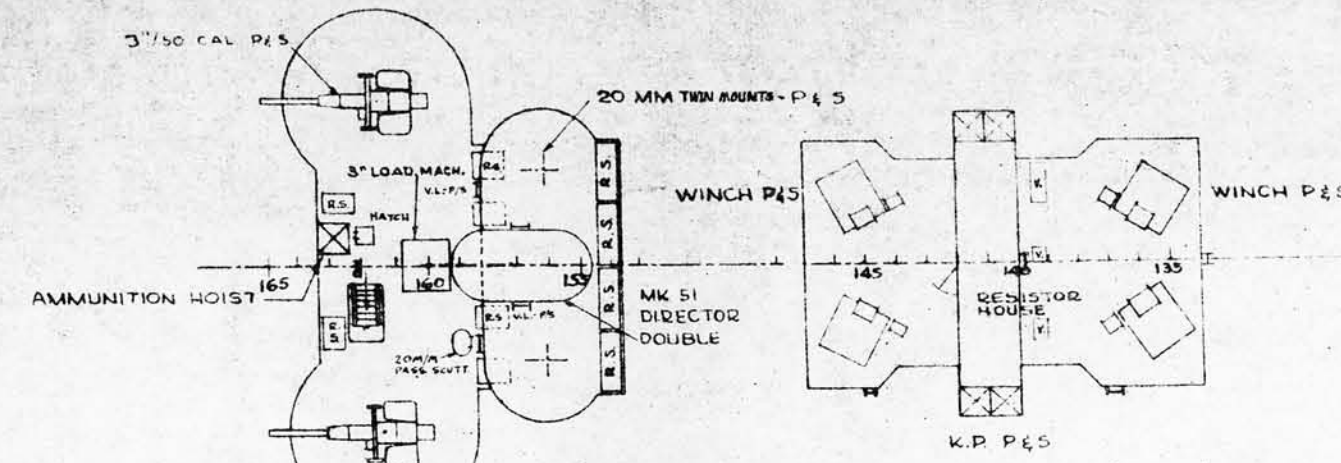


OUTBOARD PROFILE

BU. SHIPS PLAN NO. AK320-50103-107288

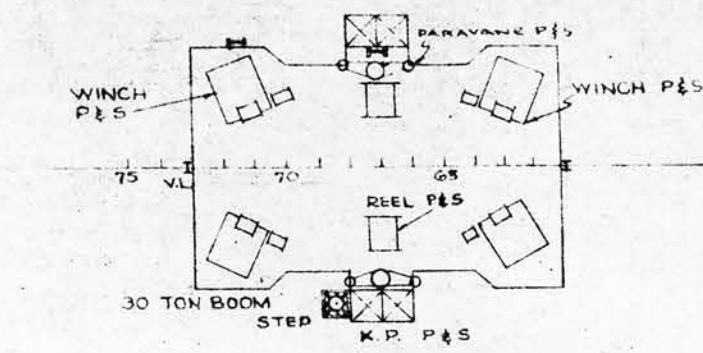
SHEET NO 3 OF 12 SHEETS

SCALE 1/16" = 1'-0"

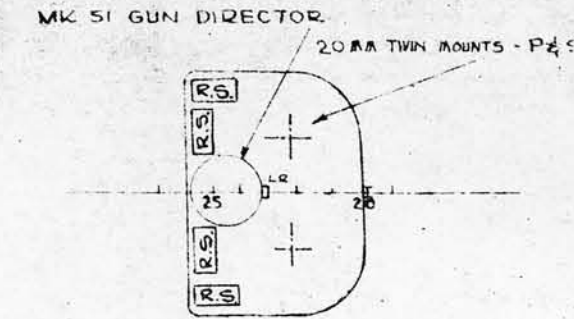


3"/50, 20"/M GUN & DIRECTOR
PLATFORM
01 & 02 LEVEL

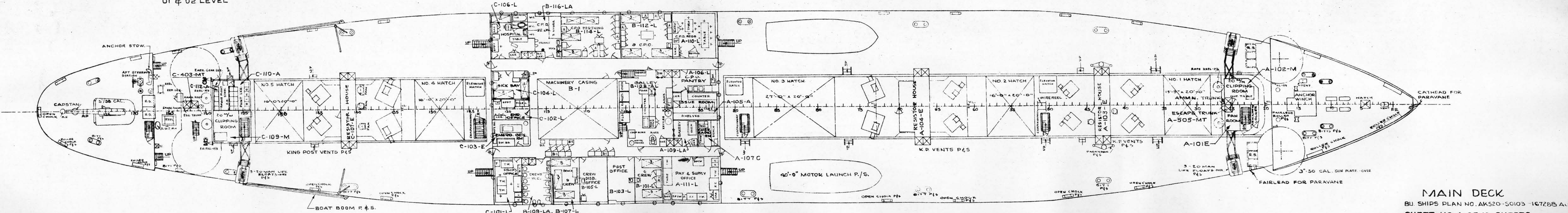
WINCH PLATFORM
01 - LEVEL



WINCH PLATFORM
01 - LEVEL



20"/M 4 MK 51 DIRECTOR
PLATFORM
01 - LEVEL

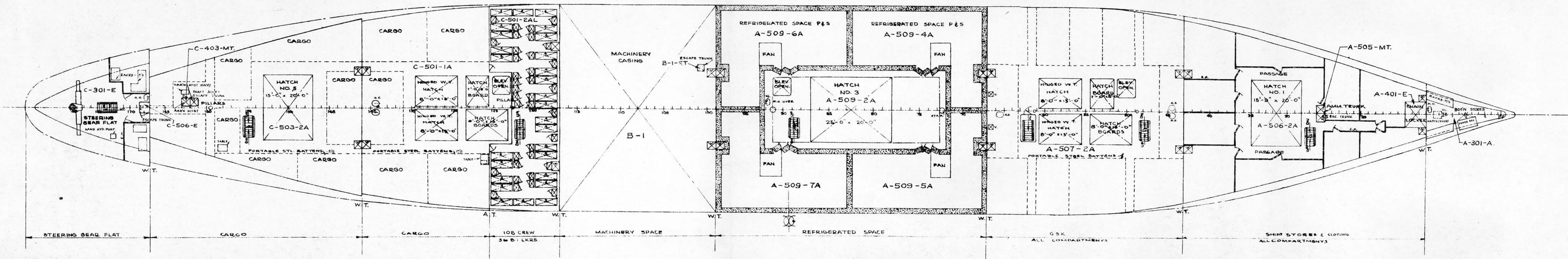


MAIN DECK

BU. SHIPS PLAN NO. AK520-50103-167288 ALT.

SHEET NO. 6 OF 12 SHEETS

SCALE 1/16" = 1'-0"

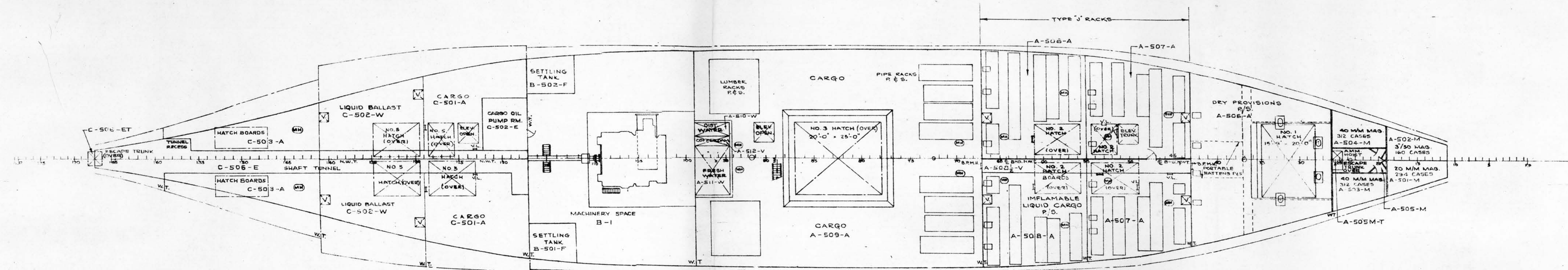


THIRD DECK

BU SHIPS PLAN NO AK520-30103-167283ALT.1

SHEET NO. 8 OF 12 SHEETS

SCALE 1/8" = 1'-0"

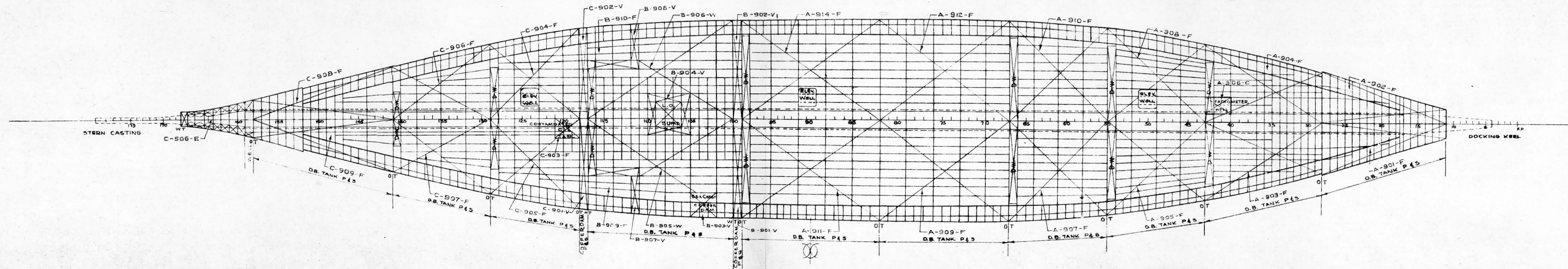


HOLD

BU. SHIPS PLAN NO. 20-50103-167288

SHEET NO. 10 OF 12 SHEETS

SCALE 1/8" = 1'-0"

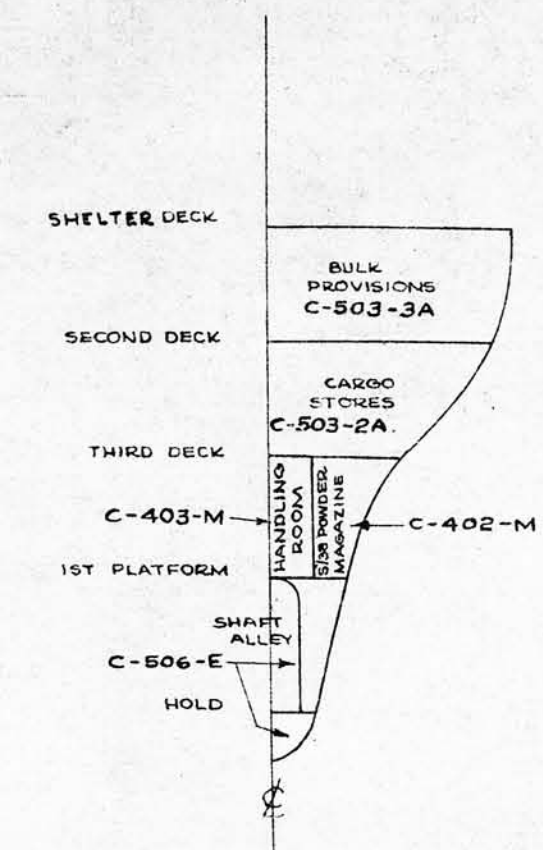


INNER BOTTOM

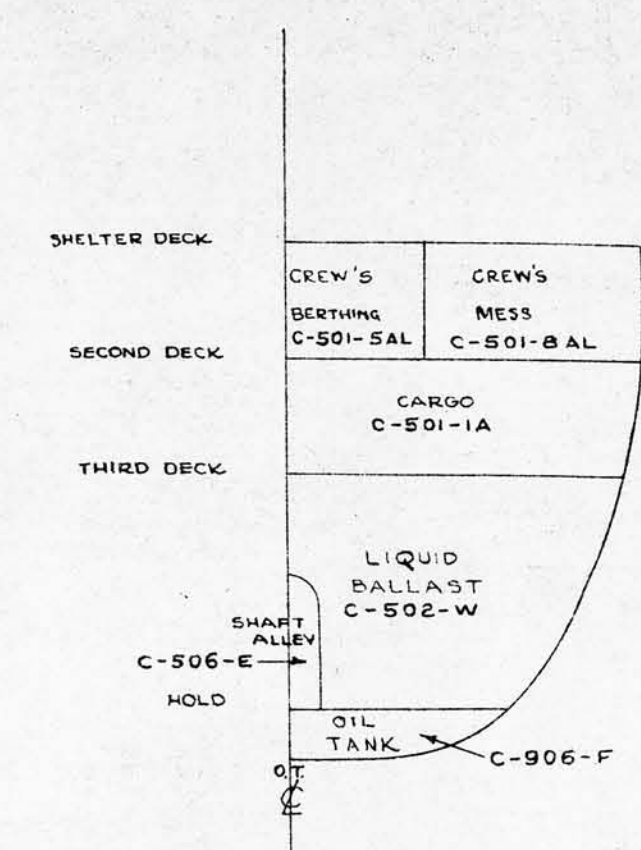
BU SHIPS PLAN N2AK320-50103-167288

SHEET N211 OF 12 SHEETS

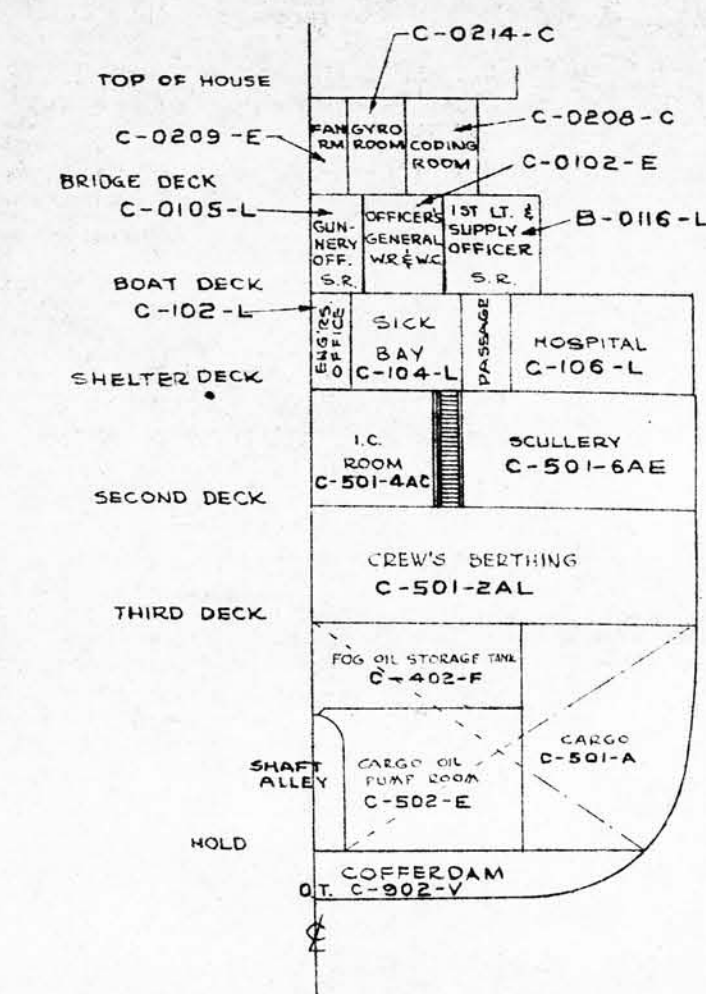
SCALE 1"=1'-0"



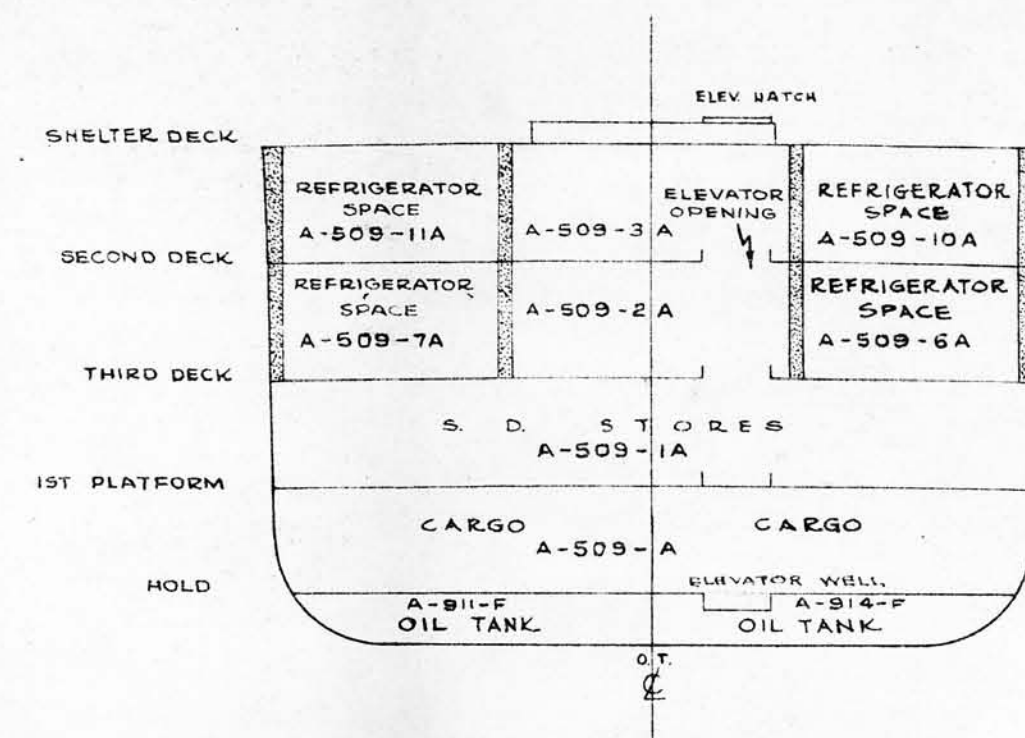
SECTION FRAME 164
PORT SIDE LOOKING AFT



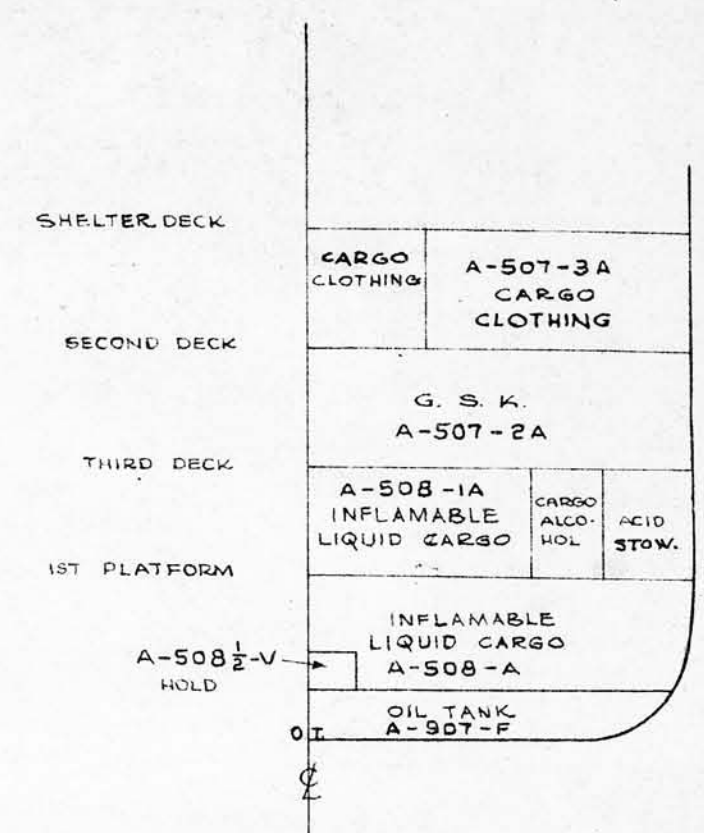
SECTION FRAME 139
PORT SIDE LOOKING AFT



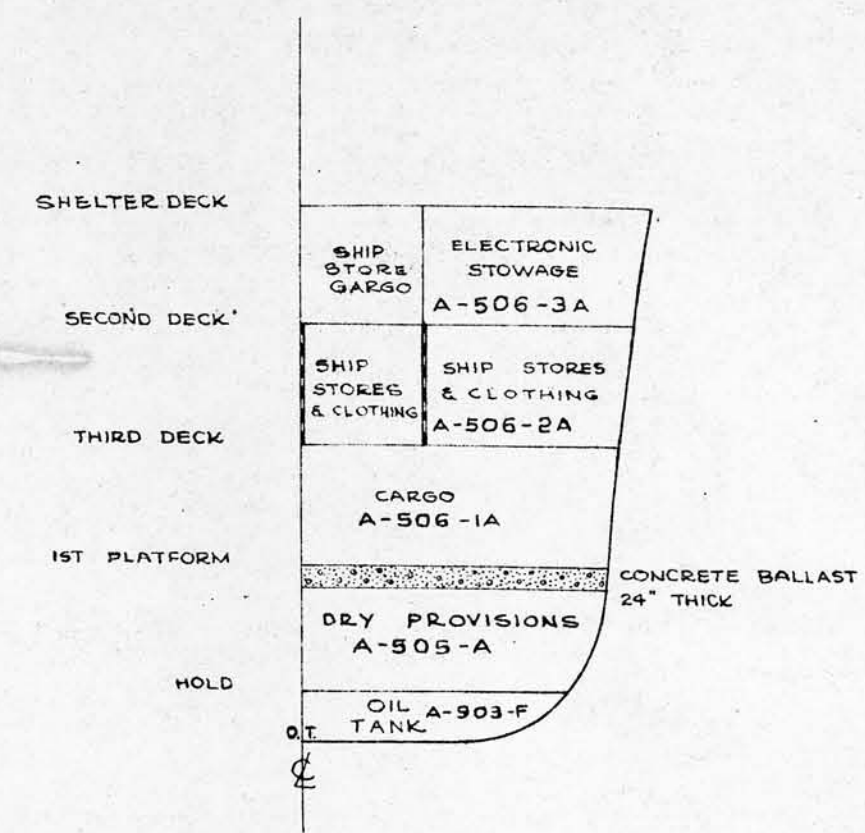
SECTION FRAME 118
PORT SIDE LOOKING AFT



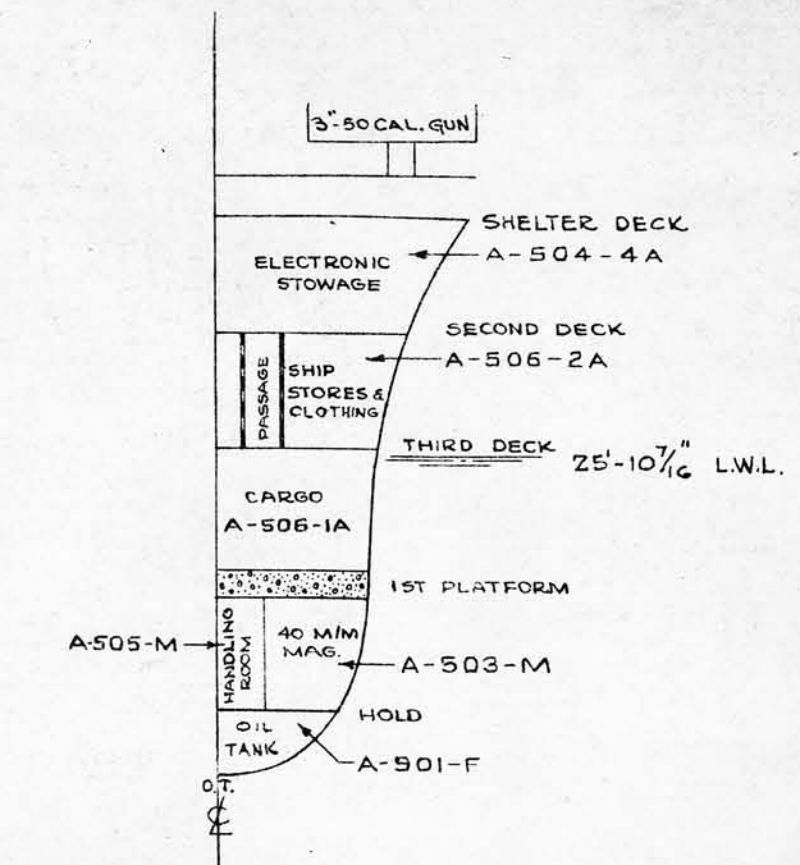
MIDSHIP SECTION
LOOKING AFT



SECTION FRAME 65
ST'B'D SIDE LOOKING FOR'D



SECTION FRAME 40
ST'B'D SIDE LOOKING FOR'D



SECTION FRAME 20
ST'B'D SIDE LOOKING FOR'D